

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

Claim 1 (currently amended): An ink comprising a mixture of (a) water, (b) a dye at least two dyes, each of said dyes selected from the group consisting of diarylmethane derivatives, triarylmethane derivatives, methine dyes, and combinations thereof, and (c) a slow-evaporating solvent, wherein said ink has a shear-thinning index in a range of about 0.35 to about 1.0 wherein said mixture is black and at least one of said dyes is selected from the group consisting of green dyes, yellow dyes, and blue dyes, and said at least one dye is present in said mixture in a weight ratio to all other said dyes in said mixture in a range of about 10:1 to about 1:10.

Claim 2 (currently amended): The ink of claim 1 47, wherein said ink mixture has a shear-thinning index in a range of about 0.5 to about 0.9.

Claim 3 (currently amended): The ink of claim 2, wherein said ink mixture has a shear-thinning index in a range of about 0.6 to about 0.8.

Claim 4 (currently amended): The ink of claim 1, wherein said at least one dye is selected from the group consisting of Auramine O, Basic Yellow 2, Basic Yellow 11, Basic Yellow 13, Basic Yellow 21, Basic Yellow 28, Basic Yellow 29, Basic Yellow 40, Acid Blue 22, Acid Blue 93, Acid Fuchsin, Acid Green, Acid Green 5, Acid Magenta, Acid Roseine, Acid Rubin, Acid Violet 17, Acid Violet 19, Alizareol Cyanin R, Alumainen, Aniline Blue Ws, Basic Blue 8, Basic Blue 15, Basic Blue 20, Basic Blue 26, Basic Fuchsin, Basic Green 4, Basic Red 9, Basic Red 14, Basic Red 15, Basic Red 29, Basic Red 46, Basic Violet 2, Basic Violet 3, Basic Violet 4, Basic Violet 14, Chrome Violet Gg, Chromoxane Cyanin R, Cotton Blue, Crystal Violet, Dahlia, Diamond Green B, Eriochrome Cyanin R, Ethyl Green, Ethyl Violet, Fast Green Fcf, Food Green 3, Gentian Violet, Helvetia Blue, Hoffman's Violet, Light Green, Lissamine Green Sf, Magenta 0, Magenta I, Magenta II, Magenta III, Malachite Green, Methyl Blue, Methyl Green, Methyl Violet, Methyl Violet 2b, Methyl Violet 10b, Mordant Blue 3, Mordant Violet 39, New Fuchsin, Night Blue, Pararosanilin, Primula, Resanilin, Solochrome Cyanin R, Victoria Blue 4r, Victoria Blue B, Victoria Green B, Water Blue I, and combinations thereof.

Claim 5 (currently amended): The ink of claim 1, wherein said dye is at least one dye comprises selected from the group consisting of Basic Red 14, Acid Violet 17, Basic Green 4 and combinations thereof.

Claim 6 (currently amended): The ink of claim 1, wherein said dye is dyes are present in an amount in a range of about 0.01% to about 10% by weight of the total weight of the composition.

Claim 7 (currently amended): The ink of claim 6, wherein said dye is dyes are present in an amount in a range of about 0.1% to about 6% by weight of the total weight of the composition.

Claim 8 (canceled).

Claim 9 (currently amended): The ink of claim 8 1, wherein said mixture comprises dyes comprise a green dye and a dye selected from the group consisting of red dyes, violet dyes, magenta dyes, and combinations thereof, and wherein said red, violet, and magenta dyes are selected from the group consisting of diarylmethane derivatives, triarylmethane derivatives, methine dyes, and combinations thereof.

Claim 10 (currently amended): The ink of claim 9, comprising wherein said mixture comprises a red dye selected from the group consisting of diarylmethane derivatives, triarylmethane derivatives, methine dyes, and combinations thereof, wherein the weight ratio of said red dye to said green is in the range of about 10:1 about 1:10.

Claim 11 (currently amended): The ink of claim 10, comprising a red dye, wherein the weight ratio of said red dye to said green dye at least one dye is in the range of about 4:1 to about 1:4.

Claim 12 (currently amended): The ink of claim 9, comprising wherein said mixture comprises a violet dye selected from the group consisting of diarylmethane derivatives, triarylmethane derivatives, methine dyes, and combinations thereof, wherein the weight ratio of said violet dye to said green dye is in the range of about 10:1 about 1:10.

Claim 13 (currently amended): The ink of claim 12, comprising a violet dye, wherein the weight ratio of said violet dye to said green dye at least one dye is in the range of about 4:1 to about 1:4.

Claim 14 (currently amended): The ink of claim 9 1, wherein said ~~black ink~~ at least one dye comprises a green dye in an amount in a range of about 25% to about 98% by weight, and said mixture further comprises a red dye in an amount in a range of about 2% to about 75% by weight, each based on the total weight of the dye in the composition.

Claim 15 (currently amended): The ink of claim 9 1, wherein said ~~black ink~~ at least one dye comprises a green dye in an amount in a range of about 25% to about 98% by weight, and said mixture further comprises a violet dye in an amount in a range of about 2% to about 75% by weight, each based on the total weight of the dye in the composition.

Claim 16 (currently amended): The ink of claim 9, wherein ~~green dye is selected from the group consisting of Acid Green, Acid Green 5, Basic Green 4, Diamond Green B, Ethyl Green, Fast Green Fcf, Feed Green 3, Light Green, Lissamine Green Sf, Malachite Green, Methyl Green, Victoria Green B, and combinations thereof; said red dye is selected from the group consisting of Basic Red 9, Basic Red 14, Basic Red 15, Basic Red 29, Basic Red 46, and combinations thereof; and said violet dye is selected from the group consisting of Acid Violet 17, Acid Violet 19, Basic Violet 2, Basic Violet 3, Basic Violet 4, Basic Violet 14, Chrome Violet Cg, Crystal Violet, Ethyl Violet, Gentian Violet, Hoffman's Violet, Methyl Violet, Methyl Violet 2b, Methyl Violet 10b, Mordant Violet 39, and combinations thereof.~~

Claim 17 (original): The ink of claim 1, further comprising a gelling agent selected from the group consisting of polysaccharides and derivatives thereof, starches and derivatives thereof, hydrogels and derivatives thereof, silica gels and derivatives thereof, polyvinyl alcohol and derivatives thereof, and combinations of the foregoing.

Claim 18 (original): The ink of claim 17, wherein said gelling agent comprises xanthan gum.

Claim 19 (original): The ink of claim 17, wherein said gelling agent is present in an amount in a range of about 0.1% to about 10% by weight based on the total weight of the composition.

Claim 20 (original): The ink of claim 1, further comprising a thickener selected from the group consisting of polyvinylpyrrolidone and copolymers thereof, polyvinylacetate and copolymers thereof, clays, talc, and combinations of the foregoing.

Claim 21 (original): The ink of claim 20, wherein said thickener comprises polyvinylpyrrolidone.

Claim 22 (original): The ink of claim 1, wherein said solvent is selected from the group consisting of glycols, ureas, fatty alcohols, dimethylformamide, dimethylsulfoxide, high molecular weight hydrocarbons, and combinations thereof.

Claim 23 (original): The ink of claim 22, wherein said solvent comprises polyethylene glycol.

Claim 24 (original): The ink of claim 1, wherein said solvent is present in an amount in a range of about 5% to about 30% by weight based on the total weight of the composition.

Claim 25 (original): The ink of claim 24, wherein said solvent is present in an amount in a range of about 10% to about 20% by weight based on the total weight of the composition.

Claim 26 (original): The ink of claim 1, further comprising an additive selected from the group consisting of pH buffers, surfactants, biocides, anticorrosive agents, sequestering agents, and combinations thereof.

Claim 27 (original): A method of eradicating an ink, comprising the steps of applying an ink of claim 1 to a substrate to make a marking, and applying an eradicator fluid to said marking.

Claim 28 (original): The method of claim 27, comprising applying said ink to paper.

Claim 29 (previously presented): The method of claim 27, wherein said eradicator fluid comprises an eradicator selected from the group consisting of a sulfite, a bisulfite, and combinations thereof.

Claim 30 (original): An eradicable ink kit, comprising an ink of claim 1 and an eradicator fluid.

Claim 31 (previously presented): The kit of claim 30, wherein said eradicator fluid comprises an eradicator selected from the group consisting of a sulfite, a bisulfite, and

combinations thereof.

Claim 32 (original): The kit of claim 30, wherein said ink is disposed in a writing instrument.

Claim 33 (original): The kit of claim 32, wherein said writing instrument is a ball-point pen.

Claim 34 (currently amended): An eradicated ink complex, comprising a at least two colorless or substantially colorless dye selected from the group consisting of eradicated diarylmethane derivatives, eradicated triarylmethane derivatives, eradicated methine dyes, and combinations thereof, and at least one of a gelling agent and a thickener wherein when said dyes are in the non-eradicated state in an aqueous mixture said mixture is black and at least one of said dyes is selected from the group consisting of green dyes, yellow dyes, and blue dyes, said at least one dye present in a weight ratio to all other said dyes in a range of about 10:1 to about 1:10.

Claim 35 (currently amended): The complex of claim 34 48, wherein said gelling agent is a polysaccharide.

Claim 36 (canceled)

Claim 37 (original): A black eradicable gel ink, comprising a mixture of about 80% to about 90% water by weight based on the total weight of the composition;  
a dye comprising  
about 50% to about 98% of Basic Green 4,  
about 1% to about 30% of Basic Red 14, and  
about 1% to about 30% of Acid Violet 17, each by weight based on the total weight of the dye in the composition;  
about 0.1% to about 5% xanthan gum by weight based on the total weight of the composition; and  
about 10% to about 20% polyethyleneglycol by weight based on the total weight of the composition.

Claim 38 (original): The ink of claim 37, wherein said dye is present in an

amount in a range of about 0.1% to about 16% by weight of the total weight of the composition.

Claim 39 (previously presented): The method of claim 27, wherein said eradicator fluid comprises a reducing agent.

Claim 40 (previously presented): The method of claim 27, wherein said eradicator fluid comprises an alkaline compound.

Claim 41 (previously presented): The kit of claim 30, wherein said eradicator fluid comprises a reducing agent.

Claim 42 (previously presented): The kit of claim 30, wherein said eradicator fluid comprises an alkaline compound.

Claim 43 (canceled)

Claim 44 (canceled)

Claim 45 (canceled)

Claim 46 (canceled)

Claim 47 (new): The ink of claim 1, wherein said mixture has a shear-thinning index in a range of about 0.35 to about 1.0.

Claim 48 (new): The complex of claim 34, further comprising at least one of a gelling agent and a thickener.

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